

L Number	Hits	Search Text	DB	Time stamp
2	24	dual adj (fir or adaptive adj filter)	USPAT; EPO; JPO	2004/05/31 13:32
3	1015	long adj (tail or echo)	USPAT; EPO; JPO	2004/05/31 10:08
5	36525	echo	USPAT; EPO; JPO	2004/05/31 10:09
6	6	(dual adj (fir or adaptive adj filter)) and echo	USPAT; EPO; JPO	2004/05/31 10:12
7	5	((dual adj (fir or adaptive adj filter)) and echo) and reduc\$3	USPAT; EPO; JPO	2004/05/31 10:22
10	183	long adj echo	USPAT; EPO; JPO	2004/05/31 10:22
8	7	long adj tail adj echo	USPAT; EPO; JPO	2004/05/31 10:29
12	17	("3787645" "4862449" "4868874" "5014263" "5084865" "5274705" "5311503" "5521908" "5526347" "5559881" "5631900" "5649010" "5663955" "5664011" "5675612" "5708474" "5790440").PN.	USPAT	2004/05/31 10:23
13	1687	long near2 tail or long near2 echo near2 tail	USPAT; EPO; JPO	2004/05/31 10:35
15	19940	(fir or adaptive adj filter)	USPAT; EPO; JPO	2004/05/31 10:31
16	10	(long near2 tail or long near2 echo near2 tail) same ((fir or adaptive adj filter))	USPAT; EPO; JPO	2004/05/31 10:31
17	2079	long near2 tail\$2 or long near2 echo near2 tail\$2	USPAT; EPO; JPO	2004/05/31 13:33
19	582	dual adj filter\$2	USPAT; EPO; JPO	2004/05/31 10:36
21	34	((fir or adaptive adj filter)) and (long near2 tail\$2 or long near2 echo near2 tail\$2)	USPAT; EPO; JPO	2004/05/31 10:58
23	3202	interpolat\$2 with filter	USPAT; EPO; JPO	2004/05/31 11:10
24	5	(long near2 tail\$2 or long near2 echo near2 tail\$2) and (interpolat\$2 with filter)	USPAT; EPO; JPO	2004/05/31 11:09
25	229	interpolat\$2 adj filter	USPAT; EPO; JPO	2004/05/31 11:11
28	279109	emulat\$3 or duplicat\$3 or copy	USPAT; EPO; JPO	2004/05/31 12:47
29	66	(interpolat\$2 adj filter) and (emulat\$3 or duplicat\$3 or copy)	USPAT; EPO; JPO	2004/05/31 11:12
30	107083	hybrid	USPAT; EPO; JPO	2004/05/31 11:13
31	4	((interpolat\$2 adj filter) and (emulat\$3 or duplicat\$3 or copy)) and hybrid	USPAT; EPO; JPO	2004/05/31 11:13
32	137392	emulat\$3 or duplicat\$3	USPAT; EPO; JPO	2004/05/31 12:54
33	4	(dual adj (fir or adaptive adj filter)) and (emulat\$3 or duplicat\$3)	USPAT; EPO; JPO	2004/05/31 12:51
34	6	("5690321" "5740256" "5754665" "5917921" "6084973" "6487295").PN.	USPAT	2004/05/31 12:50
35	155	(emulat\$3 or duplicat\$3) and (long near2 tail\$2 or long near2 echo near2 tail\$2)	USPAT; EPO; JPO	2004/05/31 12:51
36	67	hybrid and ((emulat\$3 or duplicat\$3) and (long near2 tail\$2 or long near2 echo near2 tail\$2))	USPAT; EPO; JPO	2004/05/31 12:52
37	1	((fir or adaptive adj filter)) and (hybrid and ((emulat\$3 or duplicat\$3) and (long near2 tail\$2 or long near2 echo near2 tail\$2)))	USPAT; EPO; JPO	2004/05/31 12:52
38	23716	emulat\$3	USPAT; EPO; JPO	2004/05/31 12:55
39	354767	coefficient	USPAT; EPO; JPO	2004/05/31 12:55
40	203	emulat\$3 same coefficient	USPAT; EPO; JPO	2004/05/31 13:31

41	50	hybrid and (emulat\$3 same coefficient)	USPAT; EPO; JPO	2004/05/31 13:27
43	18	echo and (hybrid and (emulat\$3 same coefficient))	USPAT; EPO; JPO	2004/05/31 13:27
45	20	(long near2 tail\$2 or long near2 echo near2 tail\$2) and emulat\$3	USPAT; EPO; JPO	2004/05/31 13:13
46	3	coefficient and ((long near2 tail\$2 or long near2 echo near2 tail\$2) and emulat\$3)	USPAT; EPO; JPO	2004/05/31 13:13
51	0	(long near2 tail\$2 or long near2 echo near2 tail\$2) and (dual adj filter\$2)	USPAT; EPO; JPO	2004/05/31 13:33
52	1	5933797.pn.	USPAT; EPO; JPO	2004/05/31 13:33
53	16	("5001661" "5151937" "5175702" "5297071" "5327459" "5371789" "5381357" "5388092" "5396299" "5396517" "5526377" "5581494" "5631957" "5652903" "5721782" "5745396").PN.	USPAT	2004/05/31 13:33
54	2083	long near2 tail\$2 or long near2 echo near2 tail\$2.ab.ti.	USPAT; EPO; JPO	2004/05/31 13:42
55	34	((fir or adaptive adj filter)) and (long near2 tail\$2 or long near2 echo near2 tail\$2.ab.ti.)	USPAT; EPO; JPO	2004/05/31 13:38
56	4878	long adj delay	USPAT; EPO; JPO	2004/05/31 13:38
57	1	(dual adj (fir or adaptive adj filter)) and (long adj delay)	USPAT; EPO; JPO	2004/05/31 13:38
68	2969	line adj card\$	USPAT; EPO; JPO	2004/05/31 16:12
69	83330	pots	USPAT; EPO; JPO	2004/05/31 15:50
70	261	sdsl	USPAT; EPO; JPO	2004/05/31 15:50
71	2368	adsl	USPAT; EPO; JPO	2004/05/31 15:50
72	234	sdsl and adsl	USPAT; EPO; JPO	2004/05/31 15:50
73	152	pots and (sdsl and adsl)	USPAT; EPO; JPO	2004/05/31 15:50
74	52	(line adj card\$) and (pots and (sdsl and adsl))	USPAT; EPO; JPO	2004/05/31 15:50
75	1	(line adj card\$) with pots with adsl with sdsl	USPAT; EPO; JPO	2004/05/31 16:12
76	75	line adj card\$ same pots same \$dsl	USPAT; EPO; JPO	2004/05/31 16:13
77	800340	multiple	USPAT; EPO; JPO	2004/05/31 16:13
78	44	(line adj card\$ same pots same \$dsl) and multiple	USPAT; EPO; JPO	2004/05/31 16:24
79	14	(line adj card\$ same pots same \$dsl) and adsl and sdsl	USPAT; EPO; JPO	2004/05/31 16:25

Patent Assignment Abstract of Title

Total Assignments: 2

Application #: 09939439 **Filing Dt:** 08/24/2001 **Patent #:** NONE **Issue Dt:**
PCT #: NONE **Publication #:** NONE **Pub Dt:**

Inventors: Robin Levonas, Hai Liu

Title: Hybrid echo canceller

Assignment: 1

Reel/Frame: 012121/0060	Received: 09/04/2001	Recorded: 08/24/2001	Mailed: 11/02/2001	Pages: 5
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Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: LEVONAS, ROBIN

Exec Dt: 08/24/2001

LIU, HAI

Exec Dt: 08/24/2001

Assignee: GLOBESPAN, INC.

100 SCHULZ DRIVE
RED BANK, NEW JERSEY 07701

Correspondent: THOMAS, KAYDEN, HORSTEMEYER, ET AL
ROBERT A. BLAHA
100 GALLERIA PARKWAY, SUITE 1750
ATLANTA, GA 30339-5948

Assignment: 2

Reel/Frame: 012540/0103	Received: 02/14/2002	Recorded: 01/30/2002	Mailed: 04/02/2002	Pages: 7
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Conveyance: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

Assignor: GLOBESPAN, INC.

Exec Dt: 12/14/2001

Assignee: GLOBESPAN VIRATA, INC.

100 SCHULZ DRIVE
RED BANK, NEW JERSEY 07701

Correspondent: THOMAS, KAYDEN, HORSTEMEYER & RISLEY
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Search Results as of: 5/31/2004 1:03:59 P.M.

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Web interface last modified: Oct. 5, 2002

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